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Research Article

Analysis of Technology-Based Learning Using Tiktok at KB Labschool UNP Kediri

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Abstract:
The purpose of this research is to analyze how technology-based learning uses tiktok at KB Labschool UNP Kediri. This research uses a descriptive qualitative approach. This study has a total of 11 children consisting of 5 boys and 6 girls. The instruments used by researchers are observation and documentation. Data analysis techniques through the stages of data reduction, data presentation, and descriptive qualitative conclusions using narrative as a description of the results of the conclusion. The conclusion of the results of this study is that technology-based learning using TikTok can effectively develop physical motor and social emotional aspects in children. Children's abilities are seen in the form of increasing self-confidence and performing in public.
Keywords: Analysis, Learning, Technology, TikTok

1. INTRODUCTION

In modern times, the world is being hit by very rapid developments, especially in the fields of science and technology. The presence of the internet in human life is able to penetrate the dimensional limits of their / users' lives, about space and time, including those that can be accessed by anyone, anytime, and anywhere. Such as the use of Facebook, YouTube, WhatsApp, Instagram, TikTok, and others. Technological development is indeed very necessary for the innovation of something that is created to provide positive benefits for life (Anjani & Mashudi, 2024).

Technological sophistication as a place to seek popularity or attention from many people. One of the widely used application technologies is TikTok. The TikTok app is a Chinese social network and music video platform launched in September 2016 by Zhang Yiming. TikTok is a specialized video, music, and photo application made in China by Zhang Yi Ming in September 2016 (Karimah et al., 2022).

In the TikTok application, users can create videos with a duration of about 1 minute, users utilize a variety of creative and attractive effects with a wide selection of songs, then users are able to create appearances using various styles, movements and dances so that users can be creative or become content creators (Sari et al., 2022). Children are the assets of the nation, therefore it is the responsibility of all of us to develop their potential and creation optimally. because in the TikTok application there is a lot of educational content about aspects of early childhood development.

Therefore, the selection of video content on the TikTok application for early childhood can help children hone their gross motor and social emotional skills. Rifani et al. (2022) gross motor expresses the movement of the body by utilizing all limbs from head to toe or large muscles with the encouragement of the child's own growth. Gross motor can be trained with various activities in learning.

Learning is the process of delivering knowledge from educators to students. The definition of learning itself is an activity of the teacher teaching or guiding students to achieve their own maturity (Lestariningrum et al., 2023). Learning can also be interpreted as a series of complex and systematic events, namely that these events occur in the interaction of educators and students in order to change attitudes and mindsets that become habits for the students concerned to achieve maturity in children. Where in the learning process through play, children learn to regulate emotions and how to socialize and improve physical motor skills.

Gross motor physicality is the movement of movement using large muscles in the limbs with a variety of movements. Correia et al. (2023) gross motor physical expressions are body movements by utilizing all limbs from head to toe or large muscles

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with the encouragement of the child's own growth. Children's gross motor physicality can be trained with various activities in learning. Gross motor strength is related to the activity of large muscles in the child's limbs, there are three parts of motor strength, namely: 1) non-locomotor strength includes pushing, lifting, rolling, pulling, jumping, walking, standing using one leg and taking turns swinging the legs; locomotor strength includes walking, jumping and sliding (Azevedo et al., 2022). Irsyadillah et al. (2022) states that physical activity is very important, because in the development of skills and attitudes it also affects behavior, social development, cognitive and neurological development for children.

Early childhood social emotional development is a process where children develop through interactions with the environment with parents, peers and adults (Atmoko et al., 2024). The development of children's sensitivity to social conditions occurs through listening, observing, imitating and can be stimulated by existing reinforcement. The development of children's behavior itself can be seen from the social emotional development of children when using the Tiktok application (Chien et al., 2021). Because there are feelings in early childhood that can change if the child receives lessons that also change the child's social process. Children's socio-emotional development is in the form of children who are satisfied with all their peers, children who are satisfied with their achievements, tolerant of other people's circumstances and children who can control their emotions, children who are easy to understand and independent, confident children can express their creativity.

Ashwini et al. (2021) mentions cooperation, competition, generosity, desire for social acceptance, compassion, empathy, dependence, benevolence, selflessness, imitation of attachment behavior. Based on this social mindset, it can be seen that children begin to show their curiosity and desire to be accepted by others.

Based on the background explanation above, researchers are interested in analyzing technology-based learning using TikTok at KB Labschool UNP Kediri.

2. MATERIAL AND METHOD

In this study, researchers used a descriptive type of research because researchers wanted to know and understand in depth the application of technology-based learning using TikTok at kb labschool UNP Kediri. Researchers try to explore information and describe technology-based learning using TikTok which has benefits in the aspects of physical-motor and social-emotional development in fostering self-confidence.

In this study researchers used Non- Probability sampling, researchers sampled only one class, namely in KB 1. The location of research on technology-based learning using TikTok at KB Labschool UNP Kediri Jl. Lintasan No. 7 Kec. Mojoroto kKota Kediri. data collection was carried out 3 times, namely November 28, 2024 to November 30, 2024.

Data Collection Procedure

a. Observation

Observation can be interpreted as a data collection technique where researchers are required to go down to the research field to observe things related to space, place, actors, activities, time, events, goals, and feelings. Observation in this study is that researchers will act as full participants, namely as researchers as well as teachers in teaching and learning activities in the classroom, observing technology-based learning using the Tik Tok application for the development of physical motor and social-emotional aspects.

b. Documentation

Documentation is a written record of various activities or events at the time of the research. all documents related to the research need to be recorded as a source of information such as videos, observation notes and photos. Photo and video documentation serves as revealing a situation at a certain moment and time so that it can provide descriptive information that applies when the documentation will be carried out when the research process is underway. The documentation technique will refer to when learning activities are taking place. In addition, researchers will conduct documentation of observation sheets in the form of records of the results of the development of physical motor and social-emotional aspects. Documentation is done as evidence in the qualitative research process.

3. RESULT AND DISCUSSION

3.1 Result

Table 1. Observation Results of Technology-Based Learning Using Tiktok to Develop Physical Motor and Social - Emotional Aspects

No	Learning Objectives	Observation Result
1	Dare to perform in public 2.1.2	Appeared on day 2 with 4 children and day 3 with 7 children
2	Able to choose things he likes, feel proud of his work or efforts and have the desire to try new things 2.2.2	Appeared on day 2 with 4 children and day 3 with 7 children
3	Participate in various physical activities 2.4.1	Appeared on day 2 with 3 children and day 3 with 6 children
4	Children can communicate their thoughts and feelings to others verbally and non-verbally through various media 3.1.2	Appeared on day 2 with 4 children and day 3 with 7 children
5	Children actively participate in various activities to strengthen and flex hand muscles 3. 2.3	Appeared on day 2 with 3 children and day 3 with 6 children

Based on table 1 the results of observing learning using TikTok to develop physical motor and social - emotional aspects show that on day 1 children are not yet interested in following the movements according to the song. Children began to be interested on day 2 with the number of children 3 for physical motor aspects and 4 for social - emotional aspects with the number of children entering 7. On day 3 there were 6 children who had appeared for physical motor aspects and 7 children for social - emotional aspects out of 9 children who entered.

3.2 Discussion

Figure 1. Documentation of Learning Using Tiktok on Day One

Based on the picture above, children are not interested in participating in technology-based learning activities using TikTok which aims to develop physical motor and social-emotional aspects. The following is a link to technology-based learning using TikTok at KB1 https://vt.tiktok.com/ZSN3RUd2T.

Figure 2. Day Two Documentation

Based on the picture above, children are starting to be interested in learning to use TikTok. It can be seen in the picture that learning using TikTok to develop physical motor aspects has emerged. This is shown by some children moving to the rhythm to the back. However, there are still children who are looking for toys. And there are also children who are just silent and stand in the front row.

Figure 3. Day Two Documentation

Based on the picture above, technology-based learning using TikTok can develop social-emotional aspects. This is shown by the children's happy expressions when hearing and following the movements on the TikTok application. It can be seen in the picture that their self-confidence has emerged, so that children dare to appear in front of the camera. The following is a link to technology-based learning using TikTok in KB 1 class on day 2 https://vt.tiktok.com/ZSN3RaJMu/.

Figure 4. Day Three Documentation

Based on the picture above, technology-based learning using TikTok on day 3 shows that children are increasingly interested in learning. Children are very enthusiastic when learning begins. Seen in the picture the children are ready to follow the movements in the TikTok application. This shows that technology-based learning using TikTok to develop physical motoric aspects can be implemented. This also shows the achievement of learning objectives.

Figure 5. Day 3 Documentation

Based on the picture above, technology-based learning using TikTok to develop social - emotional aspects can be achieved. This is shown by children who dare to appear in front of the camera and the confidence that has emerged to take part in learning using TikTok. It can be seen in the picture that the child is in front of the camera and moves to the rhythm. Ananda who suddenly has the courage and confidence, and has the desire to try new things compared to the previous days. The following is a link to technology-based learning using TikTok on day 3 https://vt.tiktok.com/ZSN3Rguej/

The TikTok application has a role in helping children's development, including physical motory by training children's muscles through movement and social emotional through facial expressions according to mood and appearing confident. The TikTok application provides ample opportunities for its users to always be creative by freely expressing themselves (Chiapello, 2021).

In the physical motor aspect, it is very clear that when children move to the rhythm of the song when making TikTok videos, all their limbs move like gymnastics. The use of the TikTok application where in the application there are many interesting dance

collections that can encourage children to be more enthusiastic about doing activities that can improve gross motor skills. This is in line with the opinion Alam (2022) that curiosity and great enthusiasm for something new seen by the child will pay more attention more seriously and focus more on what the child has just seen and heard.

To optimize the function of their limbs, strengthen their muscles, and even indirectly make it a sport. All this can be seen when the child is doing a dance of jumping, spinning, clapping, stepping, twisting hands, turning while jumping, and many other movements. Papadakis et al. (2021) explains that motor development is the development of control of physical movements through coordinated activities of nerve centers, nerves, and muscles.

Through this TikTok video can also help children become more confident in their abilities and more courageous to appear in front of many people. The child looks confident in front of the camera, posing like a model and acting like a soap opera star. Nu'man et al. 2022) asserts that children's social development is derived from maturity and learning opportunities from various environmental responses to children. Ngatipan (2023) he also explained that emotional development in children is characterized by the emergence of evaluative emotions that are realized by pride, shame, and guilt. children can recognize a variety of facial expressions, ranging from angry, crying, upset, happy, confused, and many other expressions. Azizah (2024) asserts that social-emotional learning is a process in which people develop the skills, attitudes and values necessary to acquire the ability to understand, manage and express social and emotional aspects by forming relationships and problem solving.

4. CONCLUSION

Based on the results of data analysis and discussion that researchers have conducted at KB Labschool UNP Kediri about the analysis of technology-based learning using TikTok. learning activities using TikTok aim to develop physical motor and social-emotional aspects. indicators of the development of physical motor and social-emotional aspects have increased. Both in the physical motor aspects, namely moving to the rhythm of the song, doing a dance of jumping, spinning, twisting while jumping, clapping, twisting hands, as well as the social-emotional aspects of daring to appear in front of many people Children look confident in front of the camera, more confident in their ability to show happy expressions, Children can learn to express their feelings in good contact with many people posing like a model.kindergarten is officially implemented 15-20 minutes every day before the start of educational activities (primary observation) in the form of activities in the form of methods as follows: Through lectures. (explaining concepts), through games, storytelling, singing, modeling, role play, traveling etc. According to the form of activities carried out through routine, spontaneous, exemplary and programmed activities. Fostering religious values in children includes introducing God, worshiping Him and encouraging good morals.

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